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PTO/SB/21 (08-00)
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SS/11/02 Receipt #7

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/082,636
Filing Date	February 25, 2002
First Named Inventor	Noth et al.
Group Art Unit	1619
Examiner Name	To be assigned
Attorney Docket Number	003252-052901

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment / Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify below):
 - Req. for Corrected Filing Receipt; Correction of
 - Typo in Spelling of Inventor's Name; COPY -
 - Filing Receipt with Req. Changes Marked in Red;
 - Fee Transmittal; Certificate of Mailing; Check in the Amount of \$25.00; Return Receipt Postcard.

Remarks

The Commissioner is authorized to charge fee deficiencies to the NIXON PEABODY LLP deposit account 50-0850.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name: David S. Resnick (Reg.No. 34,235) NIXON PEABODY LLP, 101 Federal Street, Boston, MA 02110

Signature

Date

CERTIFICATE OF MAILING

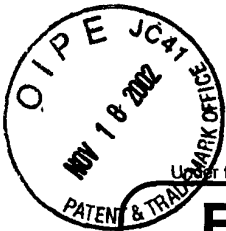
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Typed or printed name: Melissa Kruggel

Signature

Date

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 25.00

Complete if Known

Application Number	10/082,636
Filing Date	February 25, 2002
First Named Inventor	Noth et al.
Examiner Name	To be assigned
Group Art Unit	1619
Attorney Docket No.	003252-052901

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account: Charge fee deficiencies

Deposit Account Number: 50-0850
Deposit Account Name: NIXON PEABODY LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims: -20** = X =
Independent Claims: -3** = X =
Multiple Dependent: =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	
Other fee (specify) Request for Corrected Filing Receipt			25.00

*Reduced by Basic Filing Fee Paid

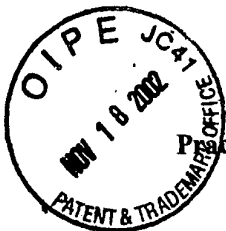
SUBTOTAL (3) (\$) 25.00

SUBMITTED BY

Name (Print/Type)	David S. Resnick	Registration No. (Attorney/Agent)	34,235	Telephone	(617) 345-6057
Signature		Date	11/12/02		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Practitioner's Docket No. 003252-052901

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Noth, U. and Tuan, R.

Serial No.: 10/082,636

Group: 1619

Filed: Feb. 25, 2002

Examiner: To be assigned

For: **IN VITRO ENGINEERED CARTILAGE CONSTRUCTS PRODUCED BY
COATING BIODEGRADABLE POLYMER WITH HUMAN MESENCHYMAL
STEM CELLS**

CERTIFICATE OF MAILING (37 C.F.R. SECTION 1.8(a))

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11/12/02
Date

Melissa Kruggel
(type or print name of person mailing paper)

Melissa Kruggel
Signature of person mailing paper

**Assistant Commissioner for Patents
Washington, D.C. 20231**

REQUEST FOR CORRECTED FILING RECEIPT

1. Attached is a copy of the official filing receipt received from the PTO in the above application for which issuance of a corrected filing receipt is respectfully requested.

Note: The PTO will not correct the filing receipt until the application is complete (in other words, the applicant files a response to the notice to file missing parts).

2. There is an error with respect to the following data, which is:

☒ [X] incorrectly entered

and/or

☐ [] omitted.

Repln. Ref: 11/20/2002 BSAYAS11 0009554700
DAH:500850 Name/Number:10082636
FC: 9204 \$25.00 CR

Error in

Correct data

1. ☒ Applicant's name
2. ☐ Applicant's address
3. ☐ Title
4. ☐ Filing Date
5. ☐ Serial Number
6. ☐ Foreign/PCT Application Re:
7. ☐ Other

1. Ulrich Noth
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

3. *(complete the following applicable item)*

☐ A. The correction(s) is/are not due to any error by applicant and no fee is due.

OR

☒ B. At least one of the above corrections is due to applicant's error and the fee therefor, under 37 C.F.R. Section 1.19(h), of \$25.00 is paid as follows:

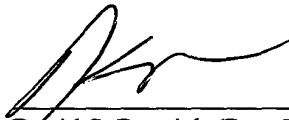
☒ Enclosed is check for \$25.00.

☒ Charge fee deficiencies Account 50-0850.

Date:

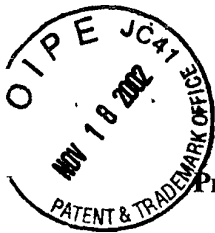
11/12/02

Respectfully submitted,



Customer No.: 26770

David S. Resnick (Reg. No. 34,235)
NIXON PEABODY LLP
101 Federal Street
Boston, MA 02110
Tel. (617) 345-6057
Fax (617) 345-1300



Practitioner's Docket No. 003252-052901

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Noth, U. and Tuan, R.

Serial No.: 10/082,636

Group: 1619

Filed: Feb. 25, 2002

Examiner: To be assigned

For: **IN VITRO ENGINEERED CARTILAGE CONSTRUCTS PRODUCED BY COATING
BIODEGRADABLE POLYMER WITH HUMAN MESENCHYMAL STEM CELLS**

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Date

Melissa Kruggel
(type or print name of person mailing paper)

Melissa Kruggel
Signature of person mailing paper

**Assistant Commissioner for Patents
Washington, D.C. 20231**

**CORRECTION OF ☒ TYPOGRAPHICAL ☐ TRANSLITERATION ERROR IN SPELLING
OF INVENTOR'S NAME**

NOTE: "When a typographical or transliteration error in the spelling of an inventor's name is discovered during pend[e]ncy of an application, a petition is not required, nor is a new oath or declaration under 37 C.F.R. Section 1.63 needed. The Patent and Trademark Office should simply be notified of the error and reference to the notification paper will be made on the previously filed oath or declaration by the Office." Section 605.04(b), M.P.E.P. Section 7th Ed.

1. Applicant respectfully requests the correction of the

☒ typographical

☐ transliteration

error in the spelling of the inventor's name on the PTO records.

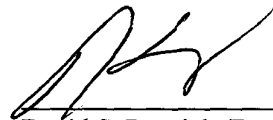
2. The correct spelling of the inventor's name is:

Ulrich Noth.

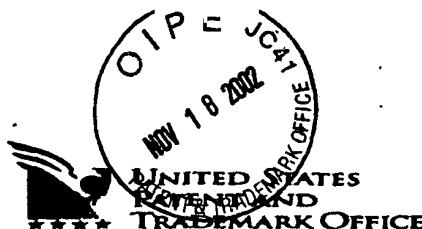
Date: 11/12/02

Customer No.: 26770

Respectfully submitted,



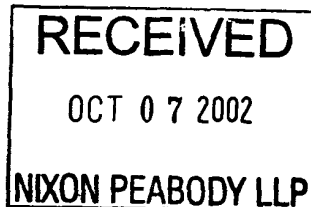
David S. Resnick (Reg. No. 34,235)
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Boston, MA 02110
Tel. (617) 345-6057
Fax (617) 345-1300



Commissioner for Patents
Washington, DC 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/082,636	02/25/2002	1619	435	00325-052901	4	9	1

David S. Resnick
NIXON PEABODY LLP
101 Federal Street
Boston, MA 02110



CONFIRMATION NO. 3647

UPDATED FILING RECEIPT



OC000000008888394

Date Mailed: 10/02/2002

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Ulrich
Ulrich Noth, Wurzburg, GERMANY;
Rocky S. Tuan, Chester Springs, PA;

Domestic Priority data as claimed by applicant

This appln claims benefit of 60/270,974 02/23/2001

Foreign Applications

If Required, Foreign Filing License Granted 03/27/2002

Projected Publication Date: 01/09/2003

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

In vitro engineered cartilage constructs produced by coating biodegradable polymer with human mesenchymal stem cells

Preliminary Class

424

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Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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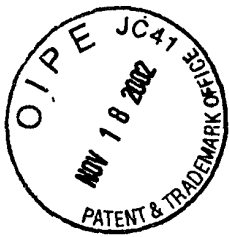
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PTO/SB92 (08-00)

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**Assistant Commissioner for Patents
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Melissa Kruggel
Signature

Melissa Kruggel
Typed or printed name of person of signing Certificate

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